
Product Data Sheet

Product Name: 6-(7-Nitro-benzo[2,1,3]oxadiazol-4-ylamino)-hexanoyl-Arg-Pro-Lys-Pro-Leu-Ala-Nva-Trp-Lys((7-dimethylaminocoumarin-4-yl)-acetyl)-NH₂

Cat. No.: GA20442

Chemical Properties

Cas. No. 945414-97-1

Formula C₇₈H₁₁₁N₂₁O₁₆ M.Wt 1598.87

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

NBD-Arg-Pro-Lys-Pro-Leu-Ala-Nva-Trp-Lys(DMC)-NH (NBD-RPKPLA-Nva-WK(DMC) amide) is an excellent fluorogenic substrate for hydrolysis of the matrix metalloproteinase stromelysin (MMP-3). This FRET substrate exhibits high sensitivity and improves accuracy

Caution: Product has not been fully validated for medical applications. For research use only.

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